

AMENDMENTS

In the Claims:

1. (Currently Amended) A method, comprising:
receiving a request for a test which uses a sub-array of a chemical array with probes at multiple feature locations, **wherein said sub-array comprises less than all of said multiple feature locations of said chemical array;**
retrieving a pattern of locations of features that make up the sub-array from a memory using the test request, which memory carries said pattern for the sub-array;
exposing said array to a sample; and
reading said sub-array.
2. (Original) A method according to claim 1 wherein the memory carries multiple sub-array patterns for the array each of which is retrievable with a different test request.
3. (Original) A method according to claim 1 additionally comprising reading an array identifier associated with the chemical array unit, and wherein the sub-array pattern is retrieved from the memory using both the array identifier and the test request, which memory carries multiple sub-array patterns for each of multiple arrays each sub-array pattern retrievable with a different combination of array identifier and test request.
4. (Original) A method according to claim 3 wherein the array unit carries the array identifier.
5. (Previously Presented) A method according to claim 1 wherein after the array has been exposed to a sample, the method additionally comprising reading the chemical array and wherein signal data representative of binding of a sample component is not acquired and saved from feature locations outside any retrieved sub-array pattern.